

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092922\
 Data File : VN074656.D
 Acq On : 29 Sep 2022 15:44
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Sep 30 07:11:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092922W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 30 07:05:22 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/30/2022
 Supervised By : Mahesh Dadoda 10/05/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.933	168	415674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.828	114	735738	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.616	117	828775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.551	152	572193	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.286	65	1071312	102.836	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 205.680%#			
35) Dibromofluoromethane	7.869	113	794274	101.994	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 203.980%#			
50) Toluene-d8	10.310	98	3484649	106.381	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 212.760%#			
62) 4-Bromofluorobenzene	12.610	95	1209819	116.478	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 232.960%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.999	85	825188	94.826	ug/l	99
3) Chloromethane	2.216	50	1099797	86.391	ug/l	99
4) Vinyl Chloride	2.351	62	1683506	91.070	ug/l	99
5) Bromomethane	2.716	94	1004754	78.682	ug/l	100
6) Chloroethane	2.875	64	1134342	79.852	ug/l	97
7) Trichlorofluoromethane	3.234	101	1134769	88.287	ug/l	97
8) Diethyl Ether	3.681	74	522168	85.624	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.040	101	673094	87.877	ug/l	90
10) Methyl Iodide	4.245	142	901466	99.048	ug/l	95
11) Tert butyl alcohol	5.175	59	1215133	436.755	ug/l	99
12) 1,1-Dichloroethene	4.016	96	663637	85.482	ug/l	91
13) Acrolein	3.887	56	563306	468.546	ug/l	98
14) Allyl chloride	4.651	41	1542139	91.962	ug/l	96
15) Acrylonitrile	5.357	53	3147630	479.460	ug/l	99
16) Acetone	4.122	43	2437630	433.528	ug/l	99
17) Carbon Disulfide	4.351	76	2066500	91.210	ug/l	99
18) Methyl Acetate	4.663	43	1744614	90.641	ug/l	90
19) Methyl tert-butyl Ether	5.422	73	2818481	95.122	ug/l	96
20) Methylene Chloride	4.892	84	861914	80.757	ug/l #	86
21) trans-1,2-Dichloroethene	5.398	96	780772	92.060	ug/l	92
22) Diisopropyl ether	6.304	45	3262476	95.634	ug/l	96
23) Vinyl Acetate	6.239	43	14618602	487.556	ug/l #	93
24) 1,1-Dichloroethane	6.192	63	1618827	92.993	ug/l	98
25) 2-Butanone	7.163	43	4407449	459.636	ug/l	90
26) 2,2-Dichloropropane	7.145	77	1368445	92.435	ug/l	99
27) cis-1,2-Dichloroethene	7.151	96	905098	87.250	ug/l	91
28) Bromochloromethane	7.492	49	877940	111.072	ug/l #	71
29) Tetrahydrofuran	7.516	42	3030178	478.933	ug/l	87
30) Chloroform	7.657	83	1574517	98.144	ug/l	96
31) Cyclohexane	7.939	56	1509672	89.197	ug/l	88
32) 1,1,1-Trichloroethane	7.851	97	1342102	95.330	ug/l	97
36) 1,1-Dichloropropene	8.063	75	1175592	94.262	ug/l	96
37) Ethyl Acetate	7.245	43	1816358	98.222	ug/l #	93
38) Carbon Tetrachloride	8.045	117	1129694	98.873	ug/l	99
39) Methylcyclohexane	9.322	83	1521898	97.746	ug/l	99
40) Benzene	8.310	78	3729459	97.021	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.469	41	862435	106.754	ug/l #	84
42) 1,2-Dichloroethane	8.380	62	1238639	95.917	ug/l	99
43) Isopropyl Acetate	8.416	43	2852875	96.687	ug/l #	92
44) Trichloroethene	9.075	130	783683	97.857	ug/l	94
45) 1,2-Dichloropropane	9.351	63	992859	94.878	ug/l	97
46) Dibromomethane	9.439	93	624795	94.724	ug/l #	85
47) Bromodichloromethane	9.627	83	1262555	97.940	ug/l	99
48) Methyl methacrylate	9.427	41	1253534	103.093	ug/l	89
49) 1,4-Dioxane	9.433	88	444415	1916.126	ug/l #	93
51) 4-Methyl-2-Pentanone	10.204	43	9499513	508.784	ug/l	90
52) Toluene	10.374	92	2399701	103.389	ug/l	99
53) t-1,3-Dichloropropene	10.592	75	1534884	105.037	ug/l	100
54) cis-1,3-Dichloropropene	10.057	75	1574523	97.799	ug/l #	92
55) 1,1,2-Trichloroethane	10.774	97	892098	95.373	ug/l	95
56) Ethyl methacrylate	10.639	69	1730693	107.260	ug/l #	85
57) 1,3-Dichloropropane	10.921	76	1616766	97.664	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.916	63	3395404	515.421	ug/l	90
59) 2-Hexanone	10.963	43	7266348	514.962	ug/l	89
60) Dibromochloromethane	11.110	129	966421	107.392	ug/l	100
61) 1,2-Dibromoethane	11.216	107	932588	101.743	ug/l	98
64) Tetrachloroethene	10.845	164	631519	90.130	ug/l	94
65) Chlorobenzene	11.645	112	2371819	95.646	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.716	131	873876	98.775	ug/l	99
67) Ethyl Benzene	11.721	91	4581491	98.744	ug/l	98
68) m/p-Xylenes	11.827	106	3592629	204.483	ug/l	96
69) o-Xylene	12.157	106	1782412	100.927	ug/l	97
70) Styrene	12.168	104	3071181	109.038	ug/l	98
71) Bromoform	12.333	173	760190	107.161	ug/l	100
73) Isopropylbenzene	12.457	105	4775053	89.085	ug/l	98
74) N-amyl acetate	12.268	43	2724933	82.981	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.704	83	1637818	80.309	ug/l	99
76) 1,2,3-Trichloropropane	12.757	75	1233691m	82.987	ug/l	
77) Bromobenzene	12.733	156	964161	83.964	ug/l	79
78) n-propylbenzene	12.798	91	5641510	91.246	ug/l	97
79) 2-Chlorotoluene	12.880	91	3219709	86.659	ug/l	98
80) 1,3,5-Trimethylbenzene	12.933	105	3981971	93.097	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.504	75	657508	96.027	ug/l	96
82) 4-Chlorotoluene	12.980	91	3313632	95.835	ug/l	98
83) tert-Butylbenzene	13.198	119	3534557	92.527	ug/l	96
84) 1,2,4-Trimethylbenzene	13.245	105	3977460	93.117	ug/l	97
85) sec-Butylbenzene	13.374	105	5130542	95.574	ug/l	96
86) p-Isopropyltoluene	13.492	119	4171717	98.093	ug/l	96
87) 1,3-Dichlorobenzene	13.486	146	1958965	94.021	ug/l	98
88) 1,4-Dichlorobenzene	13.568	146	1961455	92.110	ug/l	99
89) n-Butylbenzene	13.821	91	3766071	100.374	ug/l	96
90) Hexachloroethane	14.086	117	786425	85.937	ug/l	77
91) 1,2-Dichlorobenzene	13.862	146	1973207	90.752	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.474	75	356145	86.670	ug/l	85
93) 1,2,4-Trichlorobenzene	15.127	180	913646	94.057	ug/l	99
94) Hexachlorobutadiene	15.233	225	402402	84.638	ug/l	96
95) Naphthalene	15.362	128	3674459	96.680	ug/l	99
96) 1,2,3-Trichlorobenzene	15.551	180	905782	93.668	ug/l	97

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

